

December 1997
Project Manager: Rosy Mazaika

CHETCO RIVER, PORT OF BROOKINGS, OREGON
Fact Sheet

AUTHORITY: Continuing Authorities Program, Section 1135
SPONSOR: Port of Brookings
STUDY PHASE: Preliminary Restoration Plan

LOCATION: The study is at the Port of Brookings Sports Basin at the mouth of the Chetco River, Brookings, Oregon.

PROBLEMS AND OPPORTUNITIES: The Sports Basin is heavily used by fishers. There is a turning basin before entering the Sports Basin from the estuary. The Sports Basin occurs within a food production and rearing area and a migration route for chinook salmon, Northern anchovy, smelt, herring, perch, and shad. The breakwater impedes flow and limits tidal flushing, resulting in degraded water quality.

RECOMMENDED PLAN: The proposed modification, a culvert through the breakwater, was evaluated by Portland District hydrology and hydraulics design branch. It was determined that the proposed restoration of water quality could not be achieved by a culvert alone. A second alternative, including installing an aeration pump will be analyzed for cost effectiveness and restoration potential. The local sponsor has indicated an interest in pursuing this alternative.

STATUS: Combined planning and design phase was initiated in January 1997.

SCHEDULE:

Complete Combined Planning and Design Phase	December 1998
Construction	December 1998

CONGRESSIONAL DISTRICT(S): This study is within Oregon's 4th Congressional District represented by Peter DeFazio.